

# Maine Weekly Influenza Surveillance Report

January 3, 2012

For MMWR week 52 (ending 12/31/11)

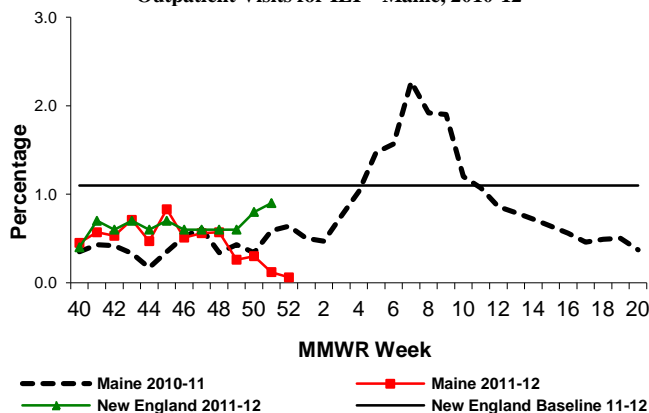
## New This Week

- Federal Flu Code: Sporadic
- First case of influenza A detected by PCR

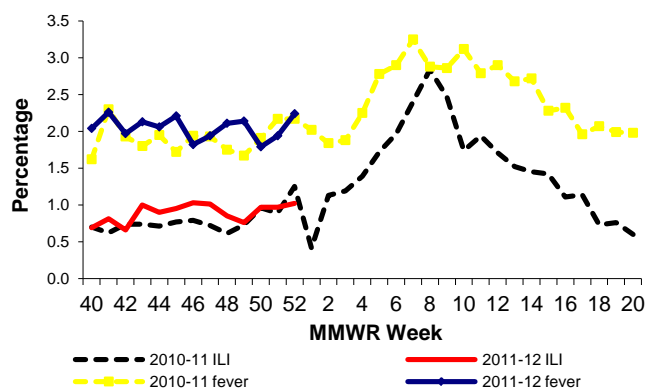
## Surveillance Information – Maine, 2011-2012 Influenza Season

- Number of ILINet Providers reporting: 17
  - % of visits for Influenza-Like Illness (ILI): 0.6
- Number of Emergency Departments participating: 24
  - % of visits for ILI: 1.02
  - % of visits for fever: 2.24
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 3.2
- Number of Vital Records Offices Reporting: 0
  - % of deaths due to P&I: no data

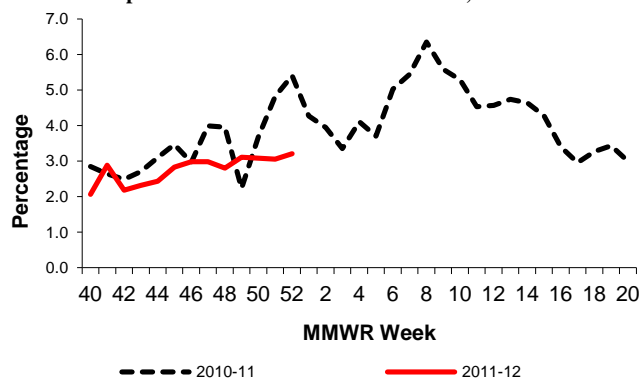
Outpatient Visits for ILI – Maine, 2010-12



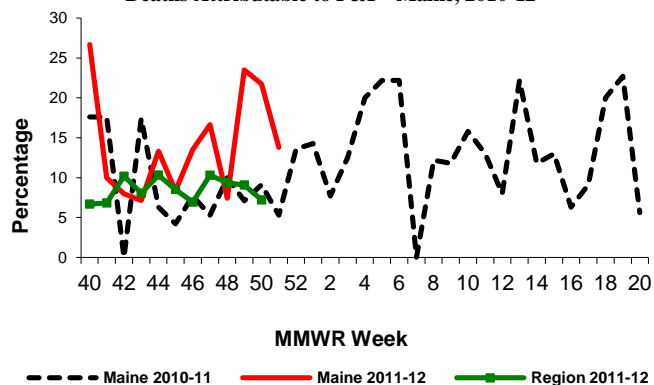
Emergency Department Visits for ILI and Fever – Maine, 2010 -12



Hospital Admissions Due to P&I – Maine, 2010-12



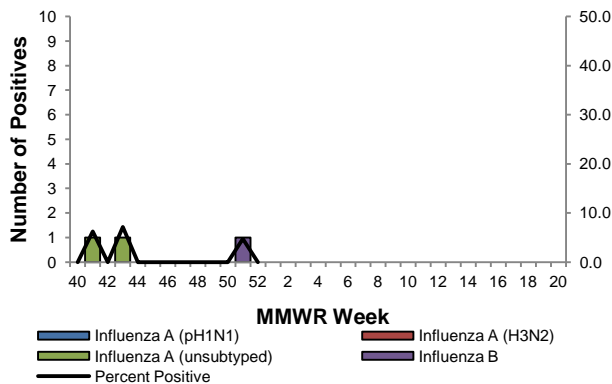
Deaths Attributable to P&I – Maine, 2010-12



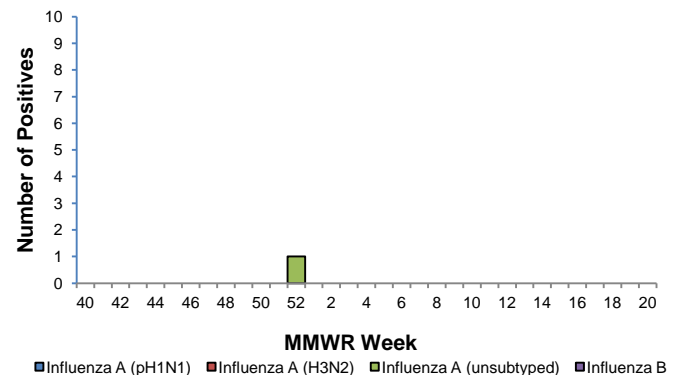
## Lab Data – Maine, 2011-2012 Influenza Season

- # of samples tested at HETL: 25
  - # positive: 0
  - % positive: 0
- # of samples positive at Maine Reference Labs: 1
- # of samples positive at National Reference Labs: 0
- # of samples positive by rapid antigen test: 0

Positive PCR Samples for Influenza, HETL – Maine, 2011-12



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2011-2012



## Novel Influenza A Virus

- Maine confirmed a second case of swine origin novel influenza A virus. The first case was confirmed on October 17<sup>th</sup>, and the second case was confirmed October 31<sup>st</sup>. Both cases had multiple exposures to pigs. These cases are the 5<sup>th</sup> and 6<sup>th</sup> recognized cases of human infection with S-OtrH3N2 with the M segment gene from the pH1N1 virus. More information can be found in a Health Alert, released 10/19/2011 accessible through: <http://www.maine.gov/tools/whatsnew/attach.php?id=313425&an=1>.

## Antiviral Resistance – Maine, 2011-12 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
- # with resistance: 0

## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 90 influenza viruses since October 1, 2011. Of these 100% of influenza A/pH1N1 samples matched the vaccine strain, 98.6% of influenza A/H3 samples match the vaccine strain, and 64% of influenza B samples match the vaccine strain. It is too early in the influenza season to determine how well the seasonal vaccine and circulating strains will match.

## Influenza-Like Illness Outbreaks – Maine, 2011-12 Influenza Season

- No outbreaks reported

## Pediatric Influenza Deaths

- No pediatric influenza-associated deaths reported during the 2011-12 influenza season

## National Influenza Surveillance Data

Source: <http://www.cdc.gov/flu/weekly/>

### Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 51 ending Dec 24, 2011

